Application No. 10/773,818

May 1, 2007

Reply to the Office Action dated February 6, 2007

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## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **LISTING OF CLAIMS:**

Claim 1 (currently amended): A surface acoustic wave filter comprising:

a piezoelectric substrate;

an insulating pattern disposed on the piezoelectric substrate and having permittivity less than that of the piezoelectric substrate; and

a conductor pattern disposed on at least one of the piezoelectric substrate and the insulating pattern; wherein

a portion of the conductor pattern defines IDTs and another portion of the conductor pattern defines wiring traces; and

at a portion where wiring traces are arranged in parallel, have having different potentials, and face each other in a plan view, a ground wiring trace is disposed directly on the piezoelectric substrate; and

at least a portion of at least one of the wiring traces having a different potential from that of the ground wiring trace is disposed on the insulating pattern.

Claim 2 (original): A surface acoustic wave filter according to Claim 1, wherein the conductor pattern includes a first conductor pattern disposed on the piezoelectric substrate, a portion thereof defining the IDTs, and a second conductor pattern which is in conduction with the first conductor pattern, a portion thereof being disposed on the insulating pattern.

Claim 3 (original): A surface acoustic wave filter according to Claim 1, wherein the relative permittivity of the insulating pattern is less than about 4.

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Claim 4 (currently amended): A surface acoustic wave filter according to Claim 1, wherein A surface acoustic wave filter comprising:

a piezoelectric substrate;

an insulating pattern disposed on the piezoelectric substrate and having permittivity less than that of the piezoelectric substrate; and

a conductor pattern disposed on at least one of the piezoelectric substrate and the insulating pattern; wherein

<u>a portion of the conductor pattern defines IDTs and another portion of the conductor pattern defines wiring traces; and </u>

at a portion where wiring traces having different potentials face each other in a plan view, at least a portion of at least one of the wiring traces is disposed on the insulating pattern; and

the insulating pattern includes resin.

Claim 5 (currently amended): A surface acoustic wave filter according to Claim 1, wherein A surface acoustic wave filter comprising:

a piezoelectric substrate;

an insulating pattern disposed on the piezoelectric substrate and having permittivity less than that of the piezoelectric substrate; and

a conductor pattern disposed on at least one of the piezoelectric substrate and the insulating pattern; wherein

<u>a portion of the conductor pattern defines IDTs and another portion of the conductor pattern defines wiring traces; and</u>

at a portion where wiring traces having different potentials face each other in a plan view, at least a portion of at least one of the wiring traces is disposed on the insulating pattern; and

the insulating pattern has a thickness of about 0.5 µm or more.

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Claim 6 (original): A surface acoustic wave filter according to Claim 1, wherein the relative permittivity of the piezoelectric substrate is about 20 or more.

Claim 7 (original): A surface acoustic wave filter according to Claim 6, wherein the piezoelectric substrate includes at least one of LiTaO<sub>3</sub>, LiNbO<sub>3</sub>, and Li<sub>2</sub>B<sub>4</sub>O<sub>7</sub>.

Claim 8 (original): A surface acoustic wave filter according to Claim 1, wherein the center frequency of a pass band is about 500 MHz or more.

Claim 9 (original): A surface acoustic wave filter according to Claim 1, wherein the center frequency of a pass band is about 1 GHz or more.

Claim 10 (original): A surface acoustic wave filter according to Claim 1, wherein the surface acoustic wave filter has a balance-to-unbalance transformer function and includes a balanced signal terminal and an unbalanced signal terminal.

Claim 11 (original): A surface acoustic wave filter according to Claim 10, wherein at least one of a wiring trace connected to the balanced signal terminal and a wiring trace connected to the unbalanced signal terminal is disposed on the insulating pattern.

Claim 12 (original): A communication apparatus comprising the surface acoustic wave filter according to Claim 1.

Claim 13-65 (canceled).